

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S157	4	S155 not S156	US-PGPUB; USPAT; JPO	OR	ON	2006/10/12 19:11
S156	28	("20030107530" "20030109304" "3195402" "4306716" "4621815" "4711452" "5209477" "5284344" "5326104" "5406300" "5464213" "5580055" "5584764" "5609524" "5670971" "5752881" "5836818" "6027115" "6056642" "6129355" "6206781" "6265984" "6278419" "6315289" "6368216" "6383073" "6512607" "6811273").PN.	US-PGPUB; USPAT; JPO	OR	ON	2006/10/12 19:11
S155	16	(US-20030107530-\$).did. or (US-6811273-\$ or US-5752881-\$ or US-5209477-\$ or US-5284344-\$ or US-4621815-\$ or US-6206781-\$ or US-4711452-\$ or US-5580055-\$ or US-6129355-\$ or US-6315289-\$ or US-6027115-\$ or US-5509655-\$).did. or (JP-2001087458-\$ or JP-2001353255-\$ or JP-2001062032-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/10/12 19:11
S154	19	("273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3) with mount\$3 with (pcb circuit\$3 board\$3)) and reel\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/12 16:39
S153	14	("273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3) with mount\$3 with (pcb circuit\$3 board\$3)) and reel\$3	USPAT	OR	ON	2006/10/12 16:39
S152	0	("273"/\$.ccls.) and (diode\$3 with mount\$3 with (pcb circuit\$3 board\$3)) and reel\$3	USPAT	OR	ON	2006/10/12 16:39
S151	13	("5509655").URPN.	USPAT	OR	ON	2006/10/12 16:38
S150	8	S147 not S149	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S149	25	S147 and acres.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S148	54	"33" and acres.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S147	33	S143 and reel	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14

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S14 3	230	(diodes mounted printed circuit board) and gam\$3	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:14
S14 6	13	S144 not S145	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:11
S14 5	29	S144 and acres.in.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:11
S14 4	42	S142 and "463"/\$.ccls.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:11
S14 2	3702	(diodes mounted printed circuit board)	US-PGPUB; USPAT; USOCR	SAME	ON	2006/10/12 16:10
S14 1	6	S139 not S140	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:05
S14 0	25	S139 and acres.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:03
S13 9	31	("463"/\$.ccls. or "273"/\$.ccls.) and (print\$5 with (circuit\$5 board\$3) with mount\$3 with (LED\$3 diode\$3 light\$3)) and reel	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:02
S13 8	63	273/142B.CCLS.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:00
S13 7	85	("463"/\$.ccls. or "273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3 diode\$3) with print\$3 with circuit\$3 with mount\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 16:00
S13 6	22	("463"/\$.ccls. or "273"/\$.ccls.) and (((light\$3 lamp\$3 LED\$3 diode\$3) with circuit\$3 with mount\$5) same reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:45
S13 5	407	("463"/\$.ccls. or "273"/\$.ccls.) and ((light\$3 lamp\$3 LED\$3 diode\$3) with circuit\$3 with mount\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:17
S13 4	0	(moola).as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:00
S13 3	0	moola.as.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/12 15:00
S13 2	0	("2005/0255907").URPN.	USPAT	OR	ON	2006/10/11 17:28

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S13 1	2	("2004/0132522").URPN.	USPAT	OR	ON	2006/10/11 17:16
S13 0	50	(reel with (lamp\$3 led\$3 light\$3)).ab. and gam\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:14
S12 8	145	(reel with (lamp\$3 led\$3 light\$3)).ab. and (gam\$3 slot\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:14
S12 9	307	(reel with (lamp\$3 led\$3 light\$3)).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:13
S12 6	55	(reel with (lamp\$3 led\$3 light\$3)).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:13
S12 7	3	S126 and gam\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:12
S12 5	138	(dens\$5 with (LED\$3 LAMP\$3 LIGHT\$3)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:11
S12 4	12	(variabl\$5 with spac\$5 with (LED\$3 LAMP\$3 LIGHT\$3)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 17:00
S12 2	197	S121 and ((lamp\$3 light\$3 highlight\$5 illuminat\$5) with (reel\$3 symbol\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:58
S12 3	264	S121 and ((lamp\$3 light\$3 highlight\$5 illuminat\$5) same (reel\$3 symbol\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:22
S12 1	935	273/143R.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:21
S12 0	56	S118 not S119	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:21
S11 9	80	S118 and (highlight\$5 illuminat\$5 lamp\$3 LED\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:16
S11 8	136	("273"/\$.ccls. or "463"/\$.ccls.) and reel\$3 and dens\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:14
S11 7	20	("273"/\$.ccls. or "463"/\$.ccls.) and (variabl\$5 adj spac\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:14
S11 6	9	(reel same (lamp\$3 LED\$3)) and dens\$5	FPRS; EPO; JPO	OR	ON	2006/10/11 16:13

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S10 6	59	("273"/\$.ccls. and "463"/\$.ccls.) and (reel).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/10/11 16:13
S11 5	52	((illum\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3)) and dens\$4	FPRS; EPO; JPO	OR	ON	2006/10/11 16:12
S11 4	10	((illum\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3)) and gam\$3 and dens\$4	FPRS; EPO; JPO	OR	ON	2006/10/11 16:11
S11 3	2559	((illum\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3))	FPRS; EPO; JPO	OR	ON	2006/10/11 16:09
S10 8	24607	((illum\$5 light\$5 highlight\$3) with (reel\$3 or symbol\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:09
S11 2	380	S110 and S111	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S11 1	968	S109 and (spaced)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S11 0	952	S109 and (dens\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S10 9	3886	S108 and gam\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:08
S10 7	59	("273"/\$.ccls. and "463"/\$.ccls.) and (reel).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO	OR	ON	2006/10/11 16:07
S10 5	4	S104 not S100	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:19

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S10 4	15	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5284344-\$).did. or (JP-2001087458-\$ or JP-2001062032-\$ or JP-2001353255-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 18:18
S10 3	10	S97 not S102	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
S10 2	9	S97 and S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
S10 1	10	S97 not S100	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:18
S10 0	25	("20030107530" "20030109304" "319 5402" "4306716" "4711452" "5326104 " "5406300" "5464213" "5580055" "5 584764" "5609524" "5670971" "57528 81" "5836818" "6027115" "6056642" " "6129355" "6206781" "6265984" "627 8419" "6315289" "6368216" "6383073 " "6512607").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:17
S96	20	("20020074725" "4198052" "5415404" "5489101" "5540441" "5580053" "57 32950" "5807172" "5816916" "582387 3" "6004208" "6220959" "6241607" " 6270405" "6322445" "6354593" "6485 366" "6595520" "6652377" "6676511").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:17
S99	0	(S96 and S97)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:16
S98	16	S97 not S96	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 18:16

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S97	19	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$ or US-5284344-\$ or US-RE35226-\$ or US-4099722-\$).did. or (JP-2001087458-\$ or JP-2001062032-\$ or JP-2001353255-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 18:07
S95	0	(gallium with diode with organic) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/04/15 18:07
S94	0	(gallium with diode with organic) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 17:40
S93	0	S91 and (gallium organic)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:39
S92	5	S91 and color\$5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:39
S91	17	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$ or US-5284344-\$ or US-RE35226-\$ or US-4099722-\$).did. or (JP-2001087458-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/15 17:39
S90	4	((multi adj color) with diode\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
S89	1	(organic with diode with wavelength) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
S88	284	(organic with diode with wavelength)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 17:03
S87	1	("20040132522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 16:58
S86	3	((("2001353255") or ("2001087458") or ("2001062032"))).PN.	EPO; JPO	OR	OFF	2006/04/15 16:52

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S85	1	("2001353255").PN.	EPO; JPO	OR	OFF	2006/04/15 15:27
S84	0	("2001353255").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 15:27
S83	1	"2001353255"	EPO; JPO	OR	ON	2006/04/15 15:27
S82	1	"2001353255"	EPO; JPO	OR	ON	2006/04/15 15:27
S81	0	2001-353255	EPO; JPO	OR	ON	2006/04/15 15:26
S80	11	2001-353255	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 15:26
S77	1	("2001087458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:12
S79	0	("2001-062032").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:00
S78	0	("JP2001062032A").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 15:00
S76	0	("JP2001087458").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 14:56
S75	3	("1260928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/15 14:56
S74	2	("1260928").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:56
S73	0	("US2003087690A1").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:55
S72	0	("2003087690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/15 14:55
S71	0	(YAMAGUCHI with TAKU).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52
S70	12678	(YAMAGUCHI TAKU).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52

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S69	6	((audiovisual) with system).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:52
S68	0	((audio adj visual) with system).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:44
S67	14	("5580055").PN. OR ("6027115").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:44
S66	73	S65 and ((reel).ti. or (reel).ab.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:32
S65	167	((multiple plurality) with (illuminat\$5 light\$3 highlight\$3) with reel) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:32
S64	493	((multiple plurality) with (illuminat\$5 light\$3 highlight\$3) with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:31
S63	2	(pattern with diod\$3 with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:31
S62	9	(kazuki with emori).in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:30
S61	25	((multiple plurality) with diod\$3 with reel)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:29
S60	50	S59 and (light\$3 illuminat\$3 highlight\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 14:25
S59	88	(reel).ti. and ("273"/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:56
S58	2	S51 and ("273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:55
S57	0	S56 not S55	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54
S56	13	("2035084" "2545644" "4249737" "4262906" "4534560" "4621815" "4711452" "4765078" "4773648" "4874172" "4912389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54
S51	157	(reel with structure).ti.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:54

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S55	13	("2035084" "2545644" "4249737" "4262906" "4534560" "4621815" "4711452" "4765078" "4773648" "4874172" "4912389").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:52
S54	0	("RE35226").URPN.	USPAT	OR	ON	2006/04/15 13:52
S53	1	("5284344").URPN.	USPAT	OR	ON	2006/04/15 13:52
S52	6	(reel with structure).ti. and (gam\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 13:51
S50	273	(reel with device with comprising).clm. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 12:54
S49	620	(reel with comprising).clm. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 12:54
S48	18	S45 S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:24
S47	1	("20030064799").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:18
S46	9	("4618150" "4624459" "5024439" "5695188" "5713572" "5803451" "5848932" "5954422" "6056642").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:16
S45	11	("4618150" "4718672" "4993713" "5010995" "5018737" "5127651" "5380008" "5580055" "5609524" "5695188" "5704835").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/15 10:16
S44	1	("6699122").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 20:41
S43	29	((selectiv\$5 with (illuminat\$5 light\$5 highlight\$5)) same reel) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 20:41
S42	5	S41 and color\$3	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:30
S41	13	(US-20030107530-\$).did. or (US-6206781-\$ or US-6811273-\$ or US-4711452-\$ or US-5580055-\$ or US-6315289-\$ or US-5584764-\$ or US-5752881-\$ or US-6027115-\$ or US-6129355-\$ or US-4621815-\$ or US-5209477-\$ or US-5423540-\$).did.	US-PGPUB; USPAT	OR	ON	2006/04/14 19:30
S40	14	("5580055").URPN.	USPAT	OR	ON	2006/04/14 19:29

EAST Search History

S39	12	((dense density) with (light\$5 illuminat\$5) with (diode\$3 or LED\$1)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:29
S38	1	("5580055").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:28
S37	12	(reel\$).ti. and (diod\$5) and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:25
S36	94	(reel\$).ti. and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:24
S35	5	S33 S34	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:23
S34	5	(reel with assembly).ti. and (273/138\$.ccls. or 273/143\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:23
S33	1	(reel with assembly).ti. and (463/16-47.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S32	25	(assembly).ti. and (463/16-47.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S30	36	(visual\$3 effect\$3).ti. and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:21
S31	0	(visual\$3 with effect\$3).ti. and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:20
S29	6	S27 S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:20
S28	2	(light\$5 illuminat\$5).ti. and 273/143\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S27	5	(light\$5 illuminat\$5).ti. and 273/138\$.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S24	30	(light\$5 illuminat\$5).ti. and 463/16-33.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 19:19
S26	92	S25 not S24	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:51

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S25	92	S16 not S17	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:50
S23	3	("1260928").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/04/14 18:48
S22	0	(2003/087690).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:48
S21	0	("2003087690").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:47
S20	0	((2002/175446) or (2002/077172)). CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:47
S19	0	((("2002175446") or ("2002077172")). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 18:46
S18	0	(dens\$5 with (center middle) with (light\$3 illuminat\$3) with diod\$5) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:46
S17	90	S16 and (463/16-33.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:40
S16	182	((array matrix density) with light\$3 with diod\$5) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:39
S15	11	("3729193" "5362052" "5411258" "60 89981" "6117009" "6118860" "613588 4" "6135887" "6159095" "6233565" " 6641478").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:33
S14	15	S13 and (reel with (device assembly))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 18:02
S13	212	(light\$5 illuminat\$5 diod\$5).ti. and (463/16-34.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:58
S12	2384075	(light\$5 illuminat\$5 diod\$5)".ti." and (463/16-34.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:58
S11	31	(selectiv\$3 with (light\$5 illuminat\$5) with diod\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:56
S10	2	(select\$5 with (light\$5 illuminat\$5) with diod\$3) and (gallium) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:54

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S9	147	(select\$5 with (light\$5 illuminat\$5) with diod\$3) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:53
S8	1	("20040132522").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:52
S7	1	("6315289").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:41
S6	26	S4 S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:32
S5	1	("6612575").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/14 17:21
S4	25	("20030107530" "20030109304" "3195402" "4306716" "4711452" "5326104" "5406300" "5464213" "5580055" "5584764" "5609524" "5670971" "5752881" "5836818" "6027115" "6056642" "6129355" "6206781" "6265984" "6278419" "6315289" "6368216" "6383073" "6512607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:21
S3	4	(reel with (illumin\$5 or light\$5)).ti. and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:20
S2	821	(reel with (illumin\$5 or light\$5)) and ("463"/\$.ccls. or "273"/\$.ccls.)	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:08
S1	6622	(reel with (illumin\$5 or light\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/14 17:08